

**Aumictech**

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Data Sheet

August 13, 2026

ADVANTEST

Advantest R7326A/R7326B " Data logger

Advantest R7326A/R7326B – Data logger, Advanced data loggers supporting high-speed data acquisition and multi-channel configurations for complex measurement tasks.



MODEL

**Advantest
R7326A/R7326B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

R7326A/R7326B

LISTING

<https://aumictechlabs.com/products/r7326a-r7326b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Advantest R7326A/R7326B is a compact data logger engineered for high-speed multi-channel data acquisition and real-time analysis. It delivers scanning speeds up to 60 points/200 ms with high precision, accommodating diverse signal types through versatile input options. The unit integrates multiple communication interfaces Ethernet, CAN Bus, GPIB, RS232, and parallel - enabling flexible integration into measurement systems and vehicle networks. Real-time data visualization and analysis capabilities support detailed logging for validation, monitoring, and performance characterization across industrial and laboratory environments. Technical Specifications Scanning Speed: 60 points/200 ms (DC voltage measurement, calibration OFF, FIFO buffer memory) Power Input: 12 V DC to 60 V DC Power Consumption: Maximum 10 W Housing Dimensions: 100 mm × 100 mm × 59 mm Weight: Approximately 800 g Operating Temperature: 0 to 50°C Storage Temperature: -20 to 60°C Humidity: RH 85% or less (non-condensing) Key Features High-speed data sampling and recording for complex measurement tasks Real-time data visualization and analysis Dual LED status indicators: heartbeat mode (ready

state), operation status, and error detection Multiple interface support for broad system compatibility

Interfaces & Connectivity

Ethernet: 100 Mbit/s (ISO/IEC 11801 Cat 5, RJ-45 connector)

CAN Bus: 1 Mbit/s data rate, non-internally terminated, 1 Hz status message frequency for vehicle CAN bus integration

GPIB, RS232, Parallel: Supported

Typical Applications

Multi-channel data logging for automotive diagnostics, industrial process monitoring, thermal testing, signal characterization, and long-term performance analysis requiring synchronous acquisition and remote data access.

R7326AR7326B Characteristics / Specifications

PARAMETER	VALUE
Model	R7326A / R7326B
Manufacturer	Advantest
Instrument Type	Portable Data Logger
Alias	R7326A; R7326B; Advantest R7326
Maximum analog input channels	60
Pulse input points	2
Input signal types	thermocouple; DC voltage; contact; pulse
Scan speed semiconductor scanner	60 points per 200 ms maximum
Scan speed mechanical scanner	60 points per 500 ms maximum
Scan condition note	DC voltage measurement calibration OFF at FIFO buffer
Mass approximate	10 kg (20 channel configuration listing)
Form	compact portable data logger
R7326B DC power	onboard DC supply for vehicle test
R7326B storage	standard floppy disk drive
R7326A role	data logging terminal with external controller
Application focus	automobile machine plant on site logging
Discontinued status	Advantest EMI discontinued product list
Related successor family	R7430 multi channel logger class
Measurement modes	simplified logging of electrical component data
Environmental class	portable field and vehicle capable design
Power	model dependent mains and battery options (confirm on unit)
Interfaces	controller linked operation on R7326A (confirm GPIB/serial on unit)
Memory mode	optional large capacity buffer for high speed capture
Scanner types	semiconductor scanner and mechanical scanner options
Weight class	lightweight portable relative to rack loggers Notes Specs from Advantest R7326A/B product descriptions and TechEyesOnline listing.

PARAMETER

VALUE

ConfirmAvsBconfiguration, scanner type, buffer option, and interface on the unit.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Environmental class	portable field and vehicle capable design
Power	model dependent mains and battery options (confirm on unit)
Interfaces	controller linked operation on R7326A (confirm GPIB/serial on unit)
Memory mode	optional large capacity buffer for high speed capture
Scanner types	semiconductor scanner and mechanical scanner options
Weight class	lightweight portable relative to rack loggers Notes Specs from Advantest R7326A/B product descriptions and TechEyesOnline listing. ConfirmAvsBconfiguration, scanner type, buffer option, and interface on the unit.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Manufacturer	Advantest
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Input signal types	thermocouple; DC voltage; contact; pulse
Scan speed semiconductor scanner	60 points per 200 ms maximum
Scan speed mechanical scanner	60 points per 500 ms maximum
Scan condition note	DC voltage measurement calibration OFF at FIFO buffer
Optional buffer memory: 512 KB to 2 MB	
Specifications	
PARAMETER	VALUE
Mass approximate	10 kg (20 channel configuration listing)
Form	compact portable data logger
R7326B DC power	onboard DC supply for vehicle test
R7326B storage	standard floppy disk drive
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Notes
Specs from Advantest R7326A/B product descriptions and TechEyesOnline listing. ConfirmAvsBconfiguration, scanner type, buffer option, and interface on the unit.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.